



DATE: November 24, 1987

TO: Barb Ballard, DLPC/FOS

FROM: Karen S. Nelson, ^{KSN}DLPC/FOS - Central Region

SUBJECT: LPC #1178020001 & LPC #1178020003 - Macoupin County
Brighton/Brighton Landfills 1 & 2
ILD #000667139
RCRA/Subpart F

EPA Region 5 Records Ctr.



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A subpart F inspection was conducted on November 24, 1987 by Karen S. Nelson, DLPC/FOS. Rich Johnson, DLPC/FOS accompanied me. Gene Evans who is president of Com-Pak Engineering, Inc., owner/operator of Brighton Landfill, and Harold Frank were interviewed during the inspection.

According to Mr. Evans, closure of the landfill per Judge Koval's court order is 80 to 90% completed. The next court date is scheduled for December 4, 1987 when closure is supposed to be completed.

No RCRA groundwater monitoring program is present at the site, as 16 monitor wells have been plugged and abandoned per Judge Koval's Order and 15 monitor wells plugged as result of USEPA Consent Agreement and Final Order issued September 10, 1985. Plugging procedures are documented in Agency files.

High levels of sulfates, dissolved solids, alkalinity, hardness, sodium, iron, manganese, lead, chromium, and cadmium were detected in some of the samples from the wells; however, these levels are ambiguous because the mechanical integrity of the wells was in question.

Sampling of four stream locations are conducted on a quarterly basis. Samples are analyzed for cadmium, cyanide, chromium, zinc, nickel, lead, pH, specific conductance, TOC, TOX. Sample procedures are attached.

Apparent violations of 35 I.A.C.:

Section 725.190 - Failure to implement a groundwater monitoring program capable of determining the facility's impact on the quality of groundwater in the uppermost aquifer underlying the facility.

Section 725.191 - Failure to implement a groundwater monitoring system.

Section 725.192 - Failure to implement a sampling and analysis plan with respect to the groundwater monitoring system.

Section 725.193 - Failure to prepare an outline of a groundwater quality assessment program.

Section 725.194 - Failure to implement a record keeping and reporting plan with respect to the groundwater monitoring program.

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These violations were first cited resulting from a September, 1983 Subpart F Inspection and a Complaint and Compliance Order (CACO) filed by the USEPA, Region V against Com-Pak Engineering, Inc., Brighton Landfill Division on September 28, 1984. The Consent Agreement and Final Order (CAFO) between USEPA and Brighton Landfill was signed on September 10, 1985. The CAFO required Brighton Landfill to: provide to USEPA and IEPA a summary of groundwater data obtained during the interim status period along with a plan and schedule of implementation for a groundwater monitoring program and assessment program within 30 days of the effective date of the CAFO. Implementation of the groundwater monitoring program would begin after USEPA and IEPA approval.

Brighton responded to the CAFO by submitting "Groundwater Monitoring and Contamination Assessment Plans for Com-Pak Engineering, Inc. Brighton Landfill Division," by Mathes & Associates, Inc., received by IEPA on November 4, 1985. This report proposed the installation of 30 new monitor wells. Fifteen monitor wells already present on the landfill property were considered by USEPA to be adequate for groundwater quality measurement (refer to attached letter from USEPA to Fred Prillaman dated July 22, 1986).

On December 20, 1985, Judge Joseph P. Koval of the Circuit Court for the Seventh Judicial Circuit entered a Judgement Order on a hearing between the People of Illinois and Brighton Landfill. The Judgement Order (attached) required that all groundwater monitor wells be plugged and abandoned and that any further drilling would not be allowed at the landfill, "except by further Order of the Court for good cause." It also ordered the landfill to close and provide post-closure monitoring according to an attached plan designated as Exhibit A, which is not comparable or in accordance with a RCRA closure/post-closure plan.

From September 2 through 5, 1986, 15 of Brighton's monitor wells, deemed unacceptable by the USEPA to use in a RCRA groundwater monitoring system, were plugged and abandoned by Mathes and Associates, Inc. The remaining 16 monitor wells were later plugged and abandoned by Mathes and Associates. Two more wells were not closed by grouting procedures because they were destroyed by landfill operations.

Brighton Landfill is apparently being closed in accordance with Judge Koval's Order and no steps have been taken to comply with the Subpart F requirements outlined in the Consent Agreement and Final Order or Title 35 Illinois Administrative Code, Part 725.

KSN/is

Attachment

cc: DLPC/Division File
DLPC/FOS - Central Region
DLPC/Compliance, Cindy Davis

Mailing Address:

Com-Pak Engineering, Inc.
P.O. Box 13
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ATTENTION: Mr. Gene Evans

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